


Please type a plus sign (+) inside this box → 

PTO/SB/05 (11-00)

Approved for use through 10/31/2002. OMB 0651-0032

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 C.F.R. 1.53(b))

Attorney Docket No. 2872L-000471

First Inventor Probir K. Guha et al

Title REINFORCED POLYESTER RESINS HAVING INCREASED TOUGHNESS AND CRACK RESISTANCE

Express Mail Label No. EL 623 559 315 US

11/08/01
10/036707
JCS929 U.S. PTP

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1. ☒ Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original and a duplicate for fee processing)
2. ☐ Applicant claims small entity status.
See 37 CFR 1.27.
3. ☒ Specification [Total Pages 39]
(preferred arrangement set forth below)
 - Descriptive title of the Invention
 - Cross References to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference to sequence listing, a table, or a computer program listing appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (if filed)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
4. ☐ Drawing(s) (35 U.S.C. 113) [Total Sheets]
5. Oath or Declaration [Total Pages 3]
 - a. ☒ Newly executed (original or copy)
 - b. ☐ Copy from a prior application (37 CFR 1.63 (d))
(for a continuation/divisional with Box 18 completed)
 - i. ☐ DELETION OF INVENTOR(S)
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
6. ☒ Application Data Sheet. See 37 CFR 1.76

ADDRESS TO:

Assistant Commissioner for Patents
Box Patent Application
Washington, DC 20231

7. ☐ CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
 - a. ☐ Computer Readable Form (CRF)
 - b. Specification Sequence Listing on:
 - i. ☐ CD-ROM or CD-R (2 copies); or
 - ii. ☐ paper
 - c. ☐ Statements verifying identity of above copies

ACCOMPANYING APPLICATIONS PARTS

9. ☐ Assignment Papers (cover sheet & document(s))
10. ☐ 37 C.F.R. §3.73(b) Statement ☐ Power of Attorney
(when there is an assignee)
11. ☐ English Translation Document (if applicable)
12. ☐ Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS Citations
13. ☐ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)
15. ☐ Certified Copy of Priority Document(s)
(if foreign priority is claimed)
16. ☐ Request and Non Publication under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.
17. ☐ Other: _____

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP)

of prior application No: _____ / _____

Prior application information: Examiner _____

Group / Art Unit: _____

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

17. CORRESPONDENCE ADDRESS

☒ Customer Number or Bar Code Label



27572

(Insert Customer No. or Attach bar code label here)

or ☐ Correspondence address below

Name

Harness, Dickey & Pierce, P.L.C.

Address

P.O. Box 828

City

Bloomfield Hills

State

MI

Zip Code

48303

Country

United States of America

Telephone

248-641-1600

Fax

248-641-0270

Name (Print/Type)

G. Gregory Schivley

Registration No. (Attorney/Agent)

27,382

Signature

Date

November 8, 2001

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OF COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

<h1 style="margin: 0;">FEE TRANSMITTAL</h1> <h2 style="margin: 0;">for FY 2002</h2> <p style="margin: 5px 0;"><i>Patent fees are subject to annual revision.</i></p>		<p>Complete if Known</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">Application Number</td> <td style="width: 50%;"></td> </tr> <tr> <td>Filing Date</td> <td></td> </tr> <tr> <td>First Named Inventor</td> <td>Probir K. Guha et al</td> </tr> <tr> <td>Examiner Name</td> <td></td> </tr> <tr> <td>Group / Art Unit</td> <td></td> </tr> <tr> <td>Attorney Docket No.</td> <td>2872L-000471</td> </tr> </table>		Application Number		Filing Date		First Named Inventor	Probir K. Guha et al	Examiner Name		Group / Art Unit		Attorney Docket No.	2872L-000471
Application Number															
Filing Date															
First Named Inventor	Probir K. Guha et al														
Examiner Name															
Group / Art Unit															
Attorney Docket No.	2872L-000471														
TOTAL AMOUNT OF PAYMENT (\$) 1076															

JCS79 U.S. PTO
 10/03/01
 11/08/01

METHOD OF PAYMENT (check one)	FEE CALCULATION (continued)																																																																																																																																																	
<p>1. <input type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:</p> <p>Deposit Account Number: 08-0750</p> <p>Deposit Account Name: Harness, Dickey & Pierce, P.L.C.</p> <p><input checked="" type="checkbox"/> Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17</p> <p><input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27</p> <p>2. <input checked="" type="checkbox"/> Payment Enclosed:</p> <p><input checked="" type="checkbox"/> Check <input type="checkbox"/> Credit card <input type="checkbox"/> Money Order <input type="checkbox"/> Other</p>	<p>3. ADDITIONAL FEES</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Fee Code</th> <th>Large Entity Fee (\$)</th> <th>Small Entity Fee (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>105</td><td>130</td><td>65</td><td>Surcharge - late filing fee or oath</td><td></td></tr> <tr><td>127</td><td>50</td><td>25</td><td>Surcharge - late provisional filing fee or cover sheet.</td><td></td></tr> <tr><td>139</td><td>130</td><td>130</td><td>Non-English specification</td><td></td></tr> <tr><td>147</td><td>2,520</td><td>2,520</td><td>For filing a request for reexamination</td><td></td></tr> <tr><td>112</td><td>920*</td><td>920*</td><td>Requesting publication of SIR prior to Examiner action</td><td></td></tr> <tr><td>113</td><td>1,840*</td><td>1,840*</td><td>Requesting publication of SIR after Examiner action</td><td></td></tr> <tr><td>115</td><td>110</td><td>55</td><td>Extension for reply within first month</td><td></td></tr> <tr><td>116</td><td>400</td><td>200</td><td>Extension for reply within second month</td><td></td></tr> <tr><td>117</td><td>920</td><td>460</td><td>Extension for reply within third month</td><td></td></tr> <tr><td>118</td><td>1,440</td><td>720</td><td>Extension for reply within fourth month</td><td></td></tr> <tr><td>128</td><td>1,960</td><td>980</td><td>Extension for reply within fifth month</td><td></td></tr> <tr><td>119</td><td>320</td><td>160</td><td>Notice of Appeal</td><td></td></tr> <tr><td>120</td><td>320</td><td>160</td><td>Filing a brief in support of an appeal</td><td></td></tr> <tr><td>121</td><td>280</td><td>140</td><td>Request for oral hearing</td><td></td></tr> <tr><td>138</td><td>1,510</td><td>1,510</td><td>Petition to institute a public use proceeding</td><td></td></tr> <tr><td>140</td><td>110</td><td>55</td><td>Petition to revive - unavoidable</td><td></td></tr> <tr><td>141</td><td>1,280</td><td>640</td><td>Petition to revive - unintentional</td><td></td></tr> <tr><td>142</td><td>1,280</td><td>640</td><td>Utility issue fee (or reissue)</td><td></td></tr> <tr><td>143</td><td>460</td><td>230</td><td>Design issue fee</td><td></td></tr> <tr><td>144</td><td>620</td><td>310</td><td>Plant issue fee</td><td></td></tr> <tr><td>122</td><td>130</td><td>130</td><td>Petitions to the Commissioner</td><td></td></tr> <tr><td>123</td><td>50</td><td>50</td><td>Processing fee under 37 CFR 1.17 (q)</td><td></td></tr> <tr><td>126</td><td>180</td><td>180</td><td>Submission of Information Disclosure Stmt</td><td></td></tr> <tr><td>581</td><td>40</td><td>40</td><td>Recording each patent assignment per property (times number of properties)</td><td></td></tr> <tr><td>146</td><td>740</td><td>370</td><td>Filing a submission after final rejection (37 CFR § 1.129(a))</td><td></td></tr> <tr><td>149</td><td>740</td><td>370</td><td>For each additional invention to be examined (37 CFR § 1.129(b))</td><td></td></tr> <tr><td>179</td><td>740</td><td>370</td><td>Request for Continued Examination (RCE)</td><td></td></tr> <tr><td>169</td><td>900</td><td>900</td><td>Request for expedited examination of a design application</td><td></td></tr> </tbody> </table> <p>Other fee (specify) _____</p> <p>*Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$) 0</p>	Fee Code	Large Entity Fee (\$)	Small Entity Fee (\$)	Fee Description	Fee Paid	105	130	65	Surcharge - late filing fee or oath		127	50	25	Surcharge - late provisional filing fee or cover sheet.		139	130	130	Non-English specification		147	2,520	2,520	For filing a request for reexamination		112	920*	920*	Requesting publication of SIR prior to Examiner action		113	1,840*	1,840*	Requesting publication of SIR after Examiner action		115	110	55	Extension for reply within first month		116	400	200	Extension for reply within second month		117	920	460	Extension for reply within third month		118	1,440	720	Extension for reply within fourth month		128	1,960	980	Extension for reply within fifth month		119	320	160	Notice of Appeal		120	320	160	Filing a brief in support of an appeal		121	280	140	Request for oral hearing		138	1,510	1,510	Petition to institute a public use proceeding		140	110	55	Petition to revive - unavoidable		141	1,280	640	Petition to revive - unintentional		142	1,280	640	Utility issue fee (or reissue)		143	460	230	Design issue fee		144	620	310	Plant issue fee		122	130	130	Petitions to the Commissioner		123	50	50	Processing fee under 37 CFR 1.17 (q)		126	180	180	Submission of Information Disclosure Stmt		581	40	40	Recording each patent assignment per property (times number of properties)		146	740	370	Filing a submission after final rejection (37 CFR § 1.129(a))		149	740	370	For each additional invention to be examined (37 CFR § 1.129(b))		179	740	370	Request for Continued Examination (RCE)		169	900	900	Request for expedited examination of a design application	
Fee Code	Large Entity Fee (\$)	Small Entity Fee (\$)	Fee Description	Fee Paid																																																																																																																																														
105	130	65	Surcharge - late filing fee or oath																																																																																																																																															
127	50	25	Surcharge - late provisional filing fee or cover sheet.																																																																																																																																															
139	130	130	Non-English specification																																																																																																																																															
147	2,520	2,520	For filing a request for reexamination																																																																																																																																															
112	920*	920*	Requesting publication of SIR prior to Examiner action																																																																																																																																															
113	1,840*	1,840*	Requesting publication of SIR after Examiner action																																																																																																																																															
115	110	55	Extension for reply within first month																																																																																																																																															
116	400	200	Extension for reply within second month																																																																																																																																															
117	920	460	Extension for reply within third month																																																																																																																																															
118	1,440	720	Extension for reply within fourth month																																																																																																																																															
128	1,960	980	Extension for reply within fifth month																																																																																																																																															
119	320	160	Notice of Appeal																																																																																																																																															
120	320	160	Filing a brief in support of an appeal																																																																																																																																															
121	280	140	Request for oral hearing																																																																																																																																															
138	1,510	1,510	Petition to institute a public use proceeding																																																																																																																																															
140	110	55	Petition to revive - unavoidable																																																																																																																																															
141	1,280	640	Petition to revive - unintentional																																																																																																																																															
142	1,280	640	Utility issue fee (or reissue)																																																																																																																																															
143	460	230	Design issue fee																																																																																																																																															
144	620	310	Plant issue fee																																																																																																																																															
122	130	130	Petitions to the Commissioner																																																																																																																																															
123	50	50	Processing fee under 37 CFR 1.17 (q)																																																																																																																																															
126	180	180	Submission of Information Disclosure Stmt																																																																																																																																															
581	40	40	Recording each patent assignment per property (times number of properties)																																																																																																																																															
146	740	370	Filing a submission after final rejection (37 CFR § 1.129(a))																																																																																																																																															
149	740	370	For each additional invention to be examined (37 CFR § 1.129(b))																																																																																																																																															
179	740	370	Request for Continued Examination (RCE)																																																																																																																																															
169	900	900	Request for expedited examination of a design application																																																																																																																																															
<p>FEE CALCULATION</p> <p>1. BASIC FILING FEE</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Large Fee Code</th> <th>Entity Fee (\$)</th> <th>Small Fee Code</th> <th>Entity Fee (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>101</td><td>740</td><td>201</td><td>370</td><td>Utility filing fee</td><td>740</td></tr> <tr><td>106</td><td>330</td><td>206</td><td>165</td><td>Design filing fee</td><td></td></tr> <tr><td>107</td><td>510</td><td>207</td><td>255</td><td>Plant filing fee</td><td></td></tr> <tr><td>108</td><td>740</td><td>208</td><td>370</td><td>Reissue filing fee</td><td></td></tr> <tr><td>114</td><td>160</td><td>214</td><td>80</td><td>Provisional filing fee</td><td></td></tr> </tbody> </table> <p>SUBTOTAL (1) (\$) 740</p> <p>2. EXTRA CLAIM FEES</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Total Claims</th> <th>Extra Claims</th> <th>Fee from below</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr> <td>34 -20 ** = 14</td> <td>X</td> <td>18</td> <td>252</td> </tr> <tr> <td>Independent Claims 4 -3 ** = 1</td> <td>X</td> <td>84</td> <td>84</td> </tr> <tr> <td>Multiple Dependent</td> <td>X</td> <td></td> <td>0</td> </tr> </tbody> </table> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Large Fee Code</th> <th>Entity Fee (\$)</th> <th>Small Fee Code</th> <th>Entity Fee (\$)</th> <th>Fee Description</th> </tr> </thead> <tbody> <tr><td>103</td><td>18</td><td>203</td><td>9</td><td>Claims in excess of 20</td></tr> <tr><td>102</td><td>84</td><td>202</td><td>42</td><td>Independent claims in excess of 3</td></tr> <tr><td>104</td><td>280</td><td>204</td><td>140</td><td>Multiple dependent claim, if not paid</td></tr> <tr><td>109</td><td>84</td><td>209</td><td>42</td><td>** Reissue independent claims over original patent</td></tr> <tr><td>110</td><td>18</td><td>210</td><td>9</td><td>** Reissue claims in excess of 20 and over original patent</td></tr> </tbody> </table> <p>SUBTOTAL (2) (\$) 336</p> <p>**or number previously paid, if greater; For Reissues, see above</p>	Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid	101	740	201	370	Utility filing fee	740	106	330	206	165	Design filing fee		107	510	207	255	Plant filing fee		108	740	208	370	Reissue filing fee		114	160	214	80	Provisional filing fee		Total Claims	Extra Claims	Fee from below	Fee Paid	34 -20 ** = 14	X	18	252	Independent Claims 4 -3 ** = 1	X	84	84	Multiple Dependent	X		0	Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	103	18	203	9	Claims in excess of 20	102	84	202	42	Independent claims in excess of 3	104	280	204	140	Multiple dependent claim, if not paid	109	84	209	42	** Reissue independent claims over original patent	110	18	210	9	** Reissue claims in excess of 20 and over original patent																																																																
Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid																																																																																																																																													
101	740	201	370	Utility filing fee	740																																																																																																																																													
106	330	206	165	Design filing fee																																																																																																																																														
107	510	207	255	Plant filing fee																																																																																																																																														
108	740	208	370	Reissue filing fee																																																																																																																																														
114	160	214	80	Provisional filing fee																																																																																																																																														
Total Claims	Extra Claims	Fee from below	Fee Paid																																																																																																																																															
34 -20 ** = 14	X	18	252																																																																																																																																															
Independent Claims 4 -3 ** = 1	X	84	84																																																																																																																																															
Multiple Dependent	X		0																																																																																																																																															
Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description																																																																																																																																														
103	18	203	9	Claims in excess of 20																																																																																																																																														
102	84	202	42	Independent claims in excess of 3																																																																																																																																														
104	280	204	140	Multiple dependent claim, if not paid																																																																																																																																														
109	84	209	42	** Reissue independent claims over original patent																																																																																																																																														
110	18	210	9	** Reissue claims in excess of 20 and over original patent																																																																																																																																														

SUBMITTED BY			Complete (if applicable)	
Name (Print/Type)	G. Gregory Schreyer	Registration No. Attorney/Agent	27,382	Telephone
Signature				Date
				November 8, 2001

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.